

FIG. 1 (a)

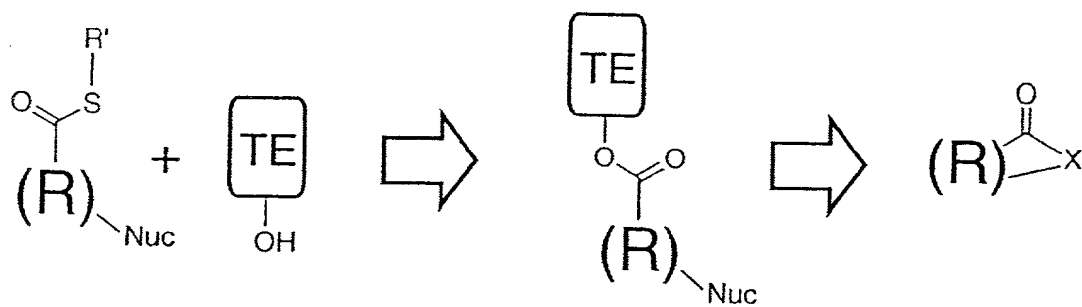
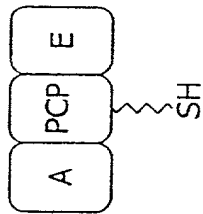


FIG. 1 (b)

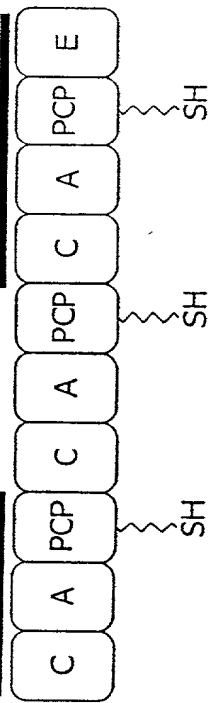
TycA  
(123 kD)

module 1

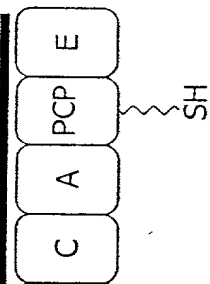


TycB  
(405 kD)

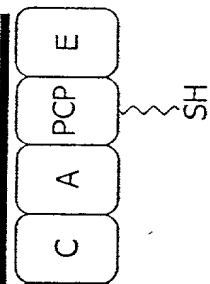
module 2



module 3

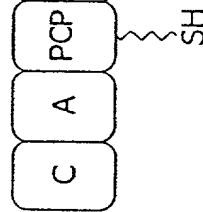


module 4

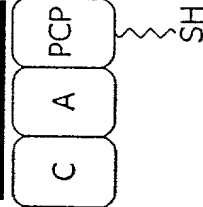


TycC  
(724 kD)

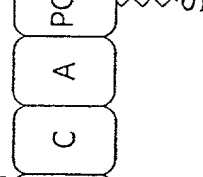
module 5



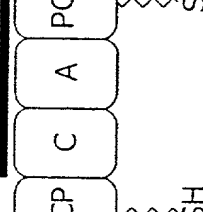
module 6



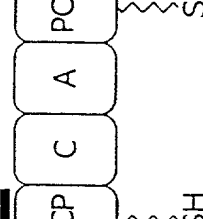
module 7



module 8



module 9



module 10

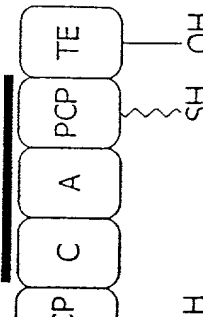


FIG. 2 (a)

1000  
900  
800  
700  
600  
500  
400  
300  
200  
100  
0

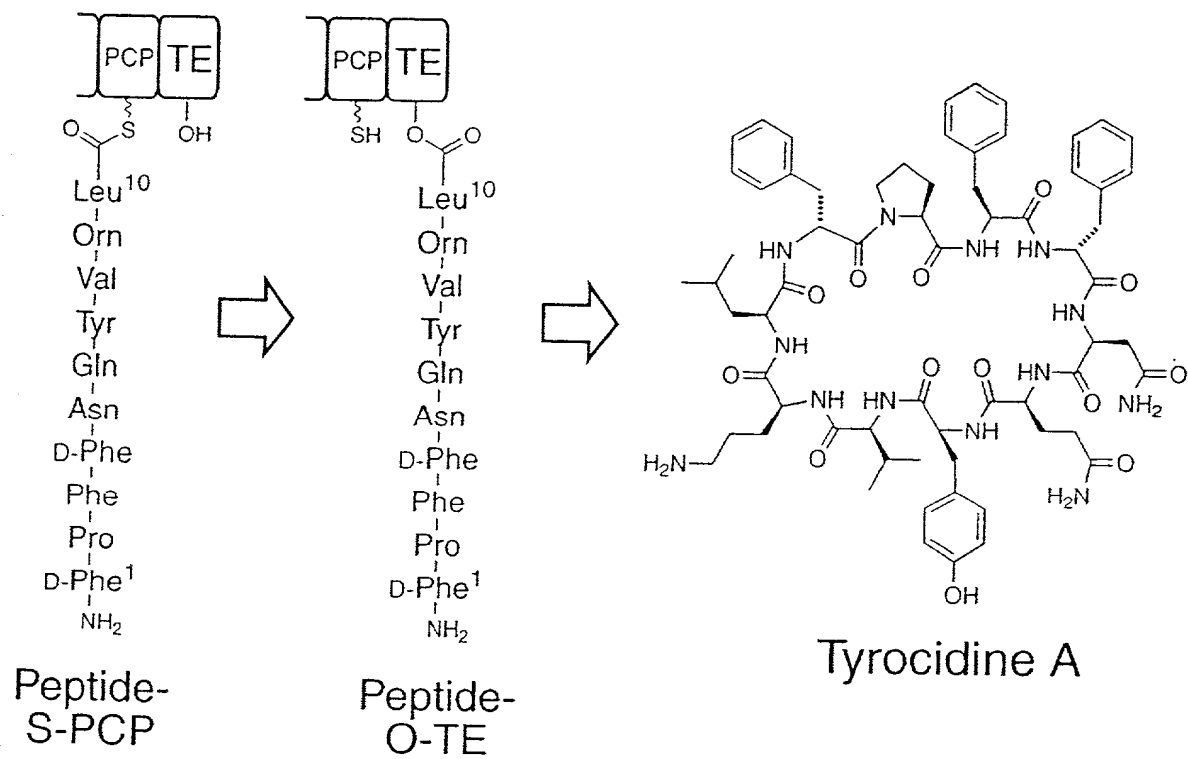


FIG. 2 (b)

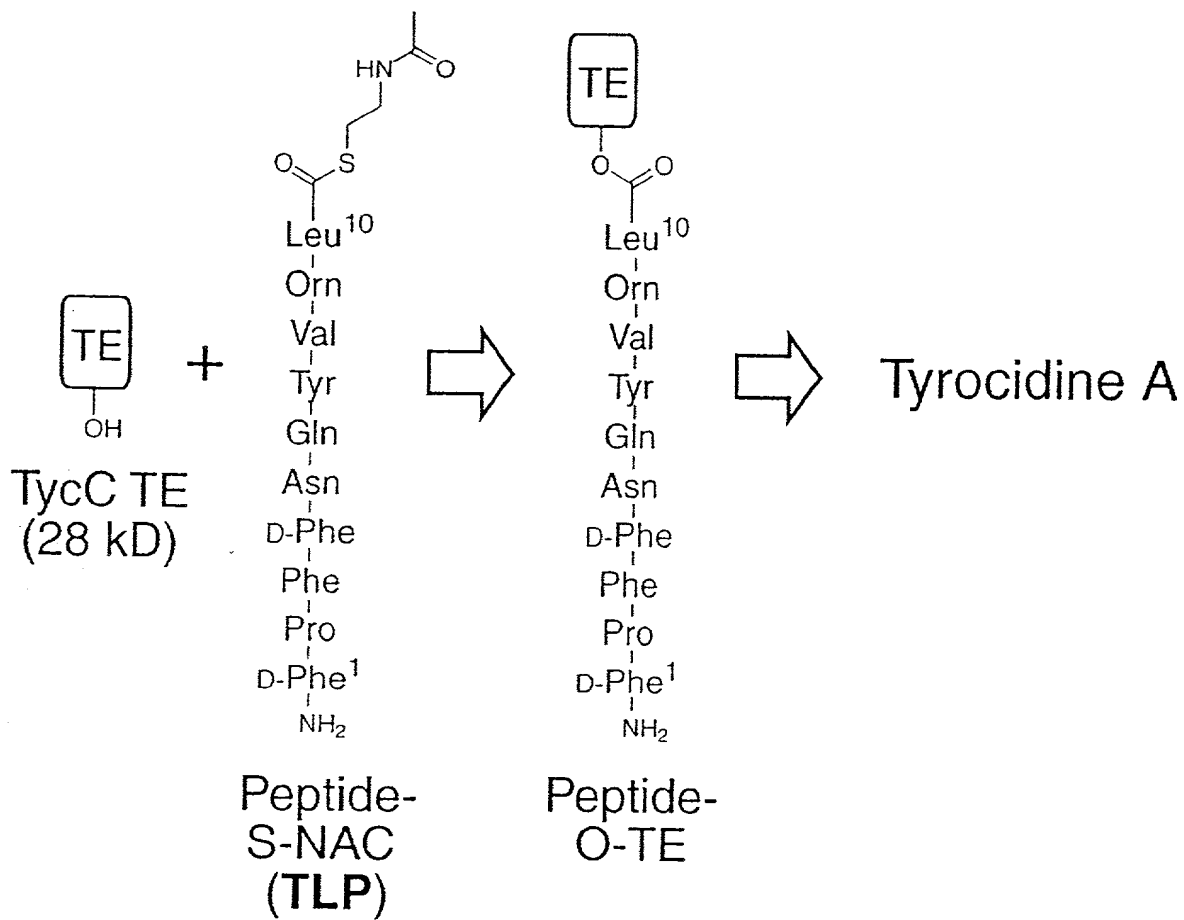


FIG. 2 (c)

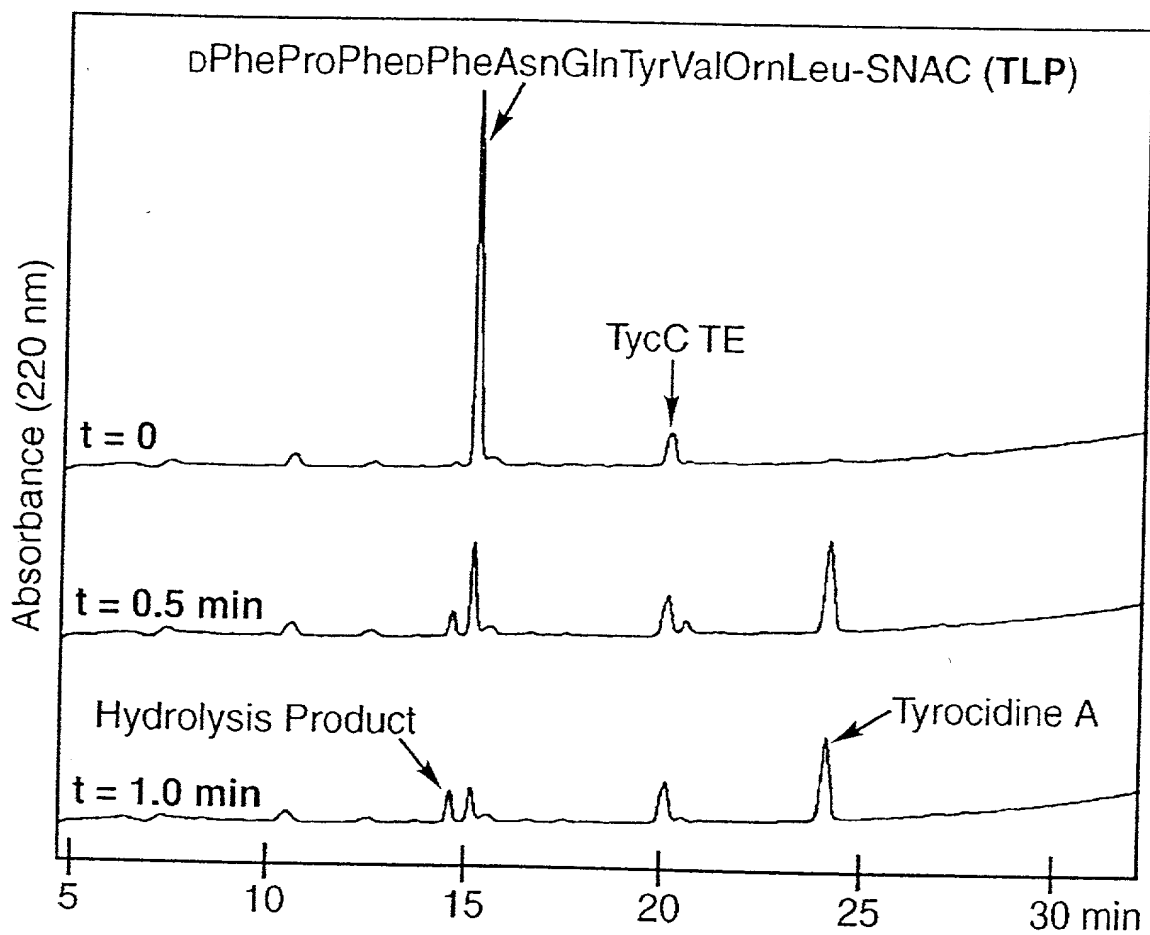


FIG. 2 (d)

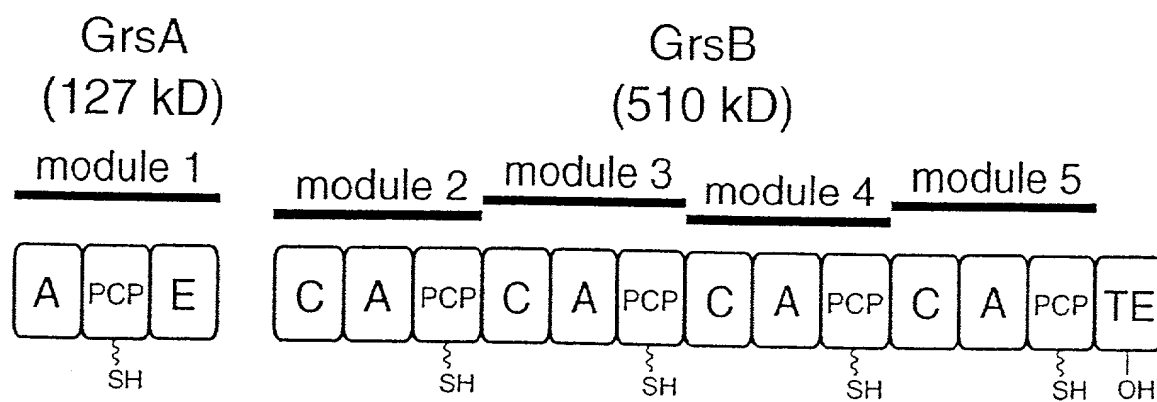
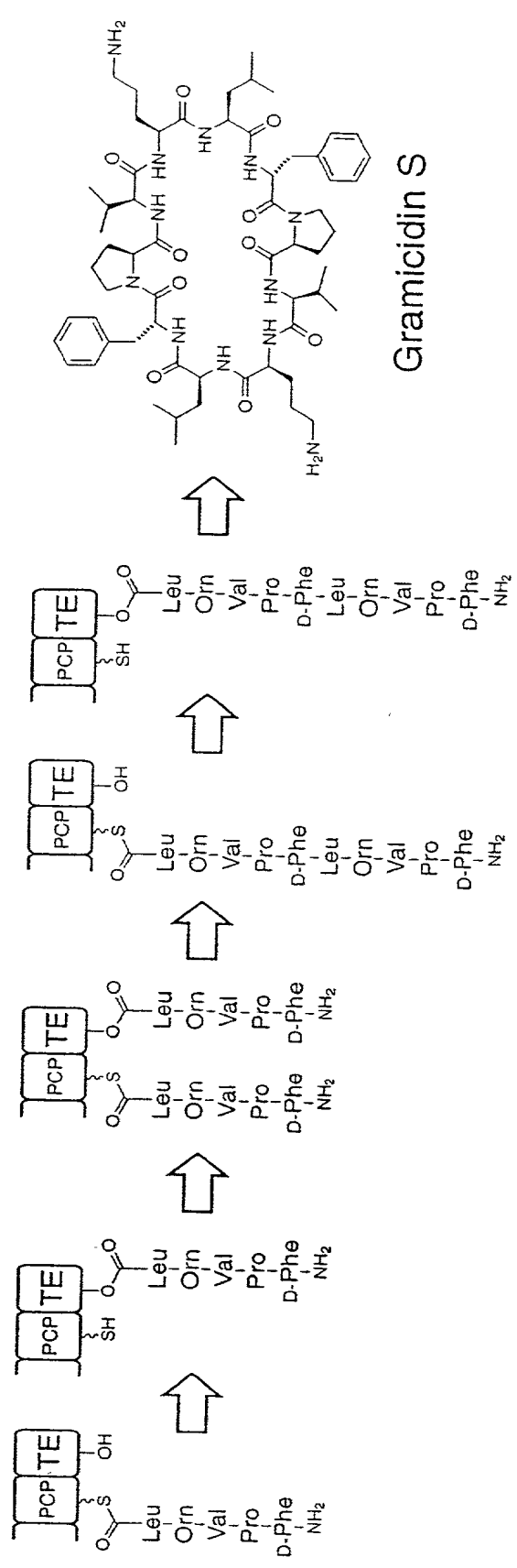


FIG. 3 (a)

1. The first step is the synthesis of the PCP-TE conjugate. This is achieved by reacting the PCP-TE conjugate with the amino acid sequence Leu-Orn-Val-Pro-D-Phe-NH<sub>2</sub>. The reaction is carried out in the presence of a suitable coupling reagent and solvent.



Gramicidin S

FIG. 3 (b)

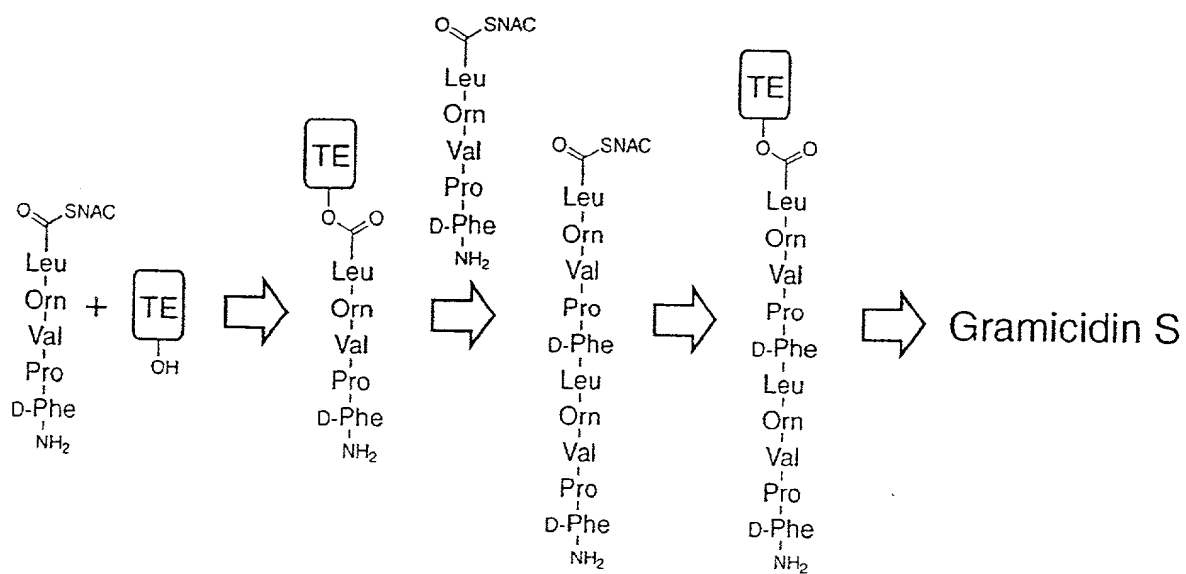


FIG. 3 (c)



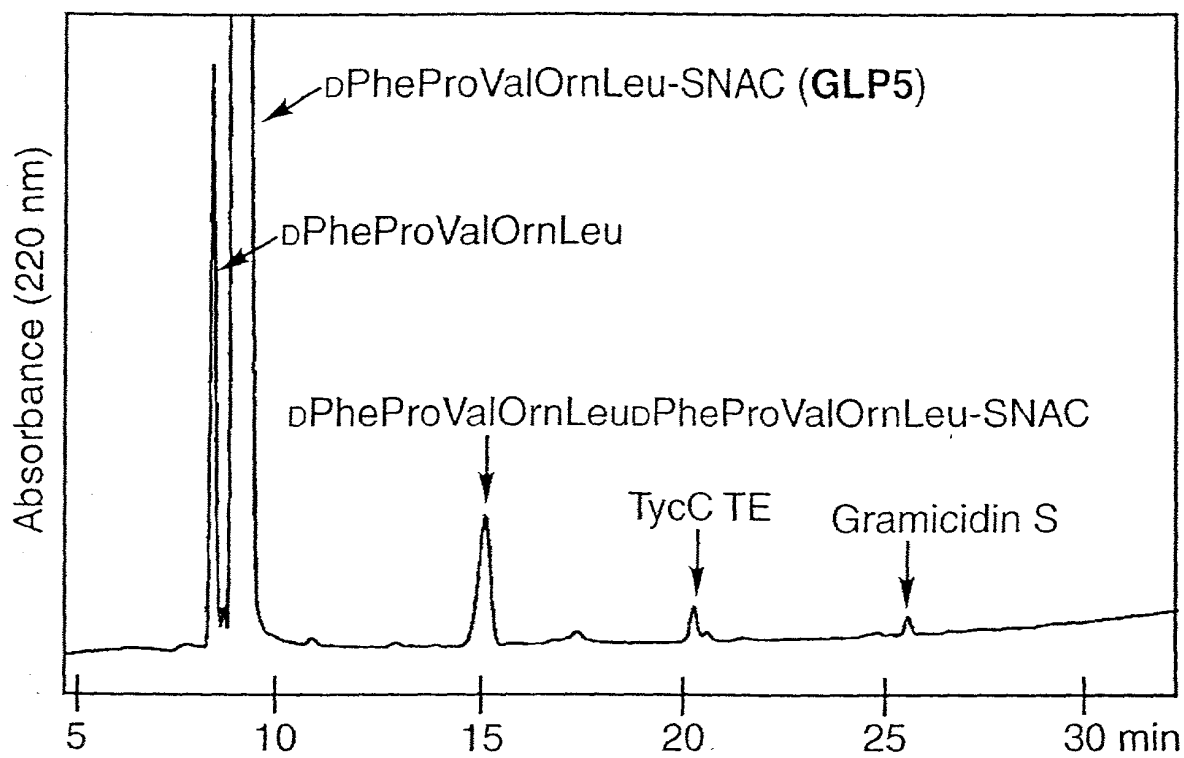


FIG. 3 (d)